

# Brent W. Maddin, Ed.D.

bmaddin@asu.edu

## EDUCATION

### Harvard Graduate School of Education (HGSE), Cambridge, MA

Ed. D., Education Policy, Leadership and Instructional Practice, *May 2011*

Dissertation Title: *KIPP student mobility: Whether and when students make non-promotional exits from KIPP middle schools*

### Harvard Graduate School of Education (HGSE), Cambridge, MA

M. Ed., Education, *June 2007*

### Arizona State University (ASU), Tempe, AZ

BS, Biology: Biology & Society (with Honors); Philosophy minor, *May 1999*

## CERTIFICATES

### National Board for Professional Teaching Standards (NBTS)

Adolescence and Young Adulthood Science, *December 2003*

### Practitioner Teacher Program (PTP), New Orleans, LA

Secondary Science Teaching Certificate, *June 2002*

## SELECT AWARDS AND FELLOWSHIPS

- 2026 Presidential Leadership Scholar (1 of 60 selected to learn from former US presidents and their staff)
- 2025 President's Award for Principled Innovation (Award recognizing innovative solutions across ASU)
- 2013 Pahara-Aspen Fellow (1 of 24 leaders in this cohort selected for work in American education)
- 2009 HGSE Advanced Doctoral Award (\$12K, for expeditiously reaching doctoral milestones)
- 1999 Teach For America Corps Member (13% acceptance rate for program to teach in US public schools)
- 1998 Circumnavigator Scholar (\$8K to circumnavigate the globe researching forest fires)
- 1994 Flinn Scholar (1 of 20 Arizona HS students awarded a full ride scholarship to any AZ university)

## SELECT PROFESSIONAL EXPERIENCE

### Founder / Executive Director, Next Education Workforce Initiative, ASU: PHX, AZ; 10/17-Present

- Designed and launched the [Next Education Workforce Initiative](#) at Arizona State University's Mary Lou Fulton College for Teaching and Learning Innovation (MLFC)
- In partnership with 50+ local school systems and communities, co-design and support implementation of team-based strategic school staffing models focused on creating better outcomes for both educators and students
- Create new pipelines of, and design professional learning experiences for, a wide range of educators working in strategic school staffing models (e.g., system- and school leaders, lead teachers, novices, & community members)
- Create new methods for credentialing educators (e.g., specializations, micro-credentials) that privilege mastery of content and pedagogy over seat-time
- Organize and host the annual [Strategic School Staffing Summit](#), a two-day virtual conference
- As Executive Director, directly oversee strategy, goals, fundraising, budget, and overall team health and sustainability
- Also serve as a Professor of Practice (04/2022 – present) and previously as the interim co-director of MLFTC's Division of Teacher Preparation (07/2018 – 02/2019)

## **PROFESSIONAL EXPERIENCE, CONTINUED**

### **Founder / Director, TeacherSquared, Relay Graduate School of Education: NY, NY; 11/15-10/17**

- Helped design and launch a new center at Relay GSE committed to unifying a cadre of other teacher preparation programs around common measures of success, processes of innovation, and increased collaboration

### **Co-Founder / Provost / Assistant Professor, Relay Graduate School of Education: NY, NY; 02/08-10/17**

- Helped design and launch the first new graduate school of education in New York state in 80 years
  - Designed system linking the conferral of master's degree to demonstrated K-12 student achievement
- Managed three functional areas: Curriculum Design, Institutional Innovation, and Institutional Research
- Helped design and launch [TLAC Online](#) in partnership with Doug Lemov and the Teach Like a Champion team
- Taught ~20 modules including: *Science Methods, Assessment Design, Unit Planning, & Cultural Responsiveness*
- Helped lead the transition from Teacher U at Hunter College to Relay GSE in Spring 2011

### **Teacher Education Program (TEP) Advisor & Teaching Fellow, HGSE: Cambridge, MA; 08/05-02/08**

- Supported teacher interns and their mentor teachers in Boston and Cambridge high schools
- Observed new teachers and co-investigated answers to teaching-based research questions
- Helped craft syllabi and assignments; taught large-group sessions; lead section meetings of ~15 graduate students; provided feedback all assignments; managed course grade books and the course websites; reflected with professors including Fredrick Hess, Katherine Merseth, and Richard Rothstein.

### **Independent Educational Consultant: Nationwide; '04-'08**

- Collaborated with individual schools or school districts to improve student outcomes (backward planning, long-term planning, rigor audits, science scope and sequence, etc.)
- Collaborated with school science teachers / science coordinators to increase inquiry-based instruction
- Conducted science curriculum alignment & assessment design (Fenway HS, Boston, MA / IDEA Public Schools, S. TX)

### **Teach for America Summer Institute Staff Member, TFA Summer Institute: Houston, TX; '01-03, '06**

- Curriculum Specialist (CS) '02, '03, '06: Provided direct instruction to ~120+ novice teachers in general pedagogy
- Corps Member Advisor (CMA) '01: Observed and provided feedback to 20 novice teachers
- Co-lead science content team responsible for teaching content to ~200 novice science teachers '02, '03, '06

### **Science Content Learning Team Leader, TFA & TNTP: Louisiana & TX; '02-'06**

- Designed and implemented a curriculum to guide first-year science teachers
- Seminars included: Classroom Management, Science as Inquiry, Technology, & Assessment

### **Founding Science Teaching (Bio/Chem/Physics): I.D.E.A. College Prep, Donna, TX; '03-'05**

- Designed and implemented inquiry lessons and labs for MS and HS science students
- Helped found the new high school (developed curriculum, systems, schedules, policies)
- As Science Department Chair co-wrote K-12 science curriculum map using KM, Texas, & National Science Standards
- Wrote 24 detailed chemistry & physics units based on Understanding by Design model
- Founded and coached the Academic Decathlon team to an 11<sup>th</sup> place state finish in the first year ('05)

### **Science Teacher (Bio/Chem/Physics): Franklin Senior High School (FSHS), Franklin, LA; '99-'03**

- Designed and implemented inquiry lessons and labs for high school science students
- Created professional development program for faculty at FSHS; '02-'03
- Founded and coached the Academic Decathlon team to a 3<sup>rd</sup> place state finish in the first year ('02)
- Co-created an optional, after-school/weekend class to prepare HS students for ACT; '02-03
- Hosted three-hour, weekly science tutoring sessions at McDonalds; 40% turnout rates; Fall '99-Spring '03

## **SELECT FUNDED GRANTS**

### **Federal Grants (Ten-Year Running Total: \$13M)**

- *Building Human Capital Management Systems to Support the Next Education Workforce in Mesa Public Schools (NEW@MPS)*. U.S. Department of Education, Teacher School Leader (TSL) Grant, 10/2021-9/2024. \$8.2MM. Role: PI.
- *Reimagining the education workforce for the 21<sup>st</sup> century*. U.S. Department of Education, Teacher Quality Partnership (TQP) Grant, 9/2018-9/2021. \$4.8MM. Role: Co-PI.

### **State Grants (Ten-Year Running Total: \$7.9M)**

- *Building Colorado's Next Education Workforce*. Colorado HB22-1350: Regional talent development initiative grant program (Opportunity Now). State of Colorado, 7/2023-6/2024. \$600K. Role: PI.
- *Arizona Community Educator initiative (AZCE)*. AZ Department of Education, ESSER III Grant, 4/2021-9/2024. \$7.3MM. Role: Co-PI.

### **Private Investments (Ten-Year Running Total: \$16.9M)**

- *Next Education Workforce, Multi-Year Renewal*. Overdeck Family Foundation, 7/2025-5/2028. \$4M. Role: PI.
- *Inspired Teaching, Exceptional Learning (TN)*. Schusterman Family Philanthropies, Robertson Foundation, Overdeck Family Foundation, 7/2025-6/2028. \$500K, Role: Co-PI.
- *Inspired Teaching, Exceptional Learning (AZ)*. Overdeck Family Foundation, Tandem Philanthropies, Robertson Foundation, 3/2025-6/2028. \$4M, Role: PI.
- *Michigan Inspired Teaching Teams Educator Network (MITTEN)*. Roberston Foundation, Schusterman Family Philanthropies, Valhalla Foundation, 3/2025-6/2028. \$1.3M, Role: Co-PI.
- *Building an ND Lead Teacher Apprenticeship*. Burgum Foundation, Private Donor, 7/2024-12/2025. \$150K. Role PI.
- *Next Education Workforce: Policy + Virtual Site Visits*. Joyce Family Foundation, 8/2023-7/2025. \$50K. Role: PI.
- *Michigan's Next Education Workforce*. Michigan Educator Workforce Initiative, 4/2024-6/2026. \$966K. Role: PI.
- *Scaling the Next Education Workforce*. Tandem Philanthropies, 8/2023-7/2025. \$1M. Role: PI.
- *Building California's Next Education Workforce*. Silicon Schools Fund, 5/2023-6/2025. \$250K. Role: PI.
- *Next Education Workforce, Multi-Year Renewal*. Overdeck Family Foundation, 5/2023-5/2025. \$2M. Role: PI.
- *Next Education Workforce*. Tandem Philanthropies, 8/2022-7/2023. \$500K. Role: PI.
- *Next Education Workforce*. Overdeck Family Foundation, 4/2022-3/2023. \$300K. Role: PI.
- *The Next Education Workforce: Proof of concept & national reach*. Joyce Family Foundation, 12/2022-4/2024. \$200K. Role: PI.
- *Building a Whole-School, Next Education Workforce Model at Kyrene de las Manitas*. Arizona Community Foundation, 9/2021-6/2022. \$111K. Role: PI.
- *Next Educator Workforce*. Bill & Melinda Gates Foundation, 10/2020-11/2024. \$695K. Role: PI.
- *Financial modeling concept paper*. Charles and Lynn Schusterman Foundation, 12/2019-5/2021. \$152K. Role: PI.
- *Reimagining the educator workforce*. Walton Family Foundation, 9/2019-9/2021. \$500K. Role: PI.
- *Teacher candidate pilot documentation*. Bill & Melinda Gates Foundation, 8/2018-8/2019. \$171K. Role: Co-PI.

## BOOKS AND BOOK CHAPTERS

**Maddin, B.**, Audrain, R., Wyatt, L., and Salmacia, K. (2025). *Unlocking the potential of team-based staffing: A guide for school and system leaders*. Harvard Education Press.

**Maddin, B.** (2025). The Teaching Job. In R. Hess, M. Horne, and J. Squire (Eds.), *Rethink 2.0*. Harvard Education Press.

Basile, C., **Maddin, B.**, and Audrain, R. (2022). *The Next Education Workforce: How team-based staffing models can support equity and improve learning outcomes*. Rowman & Littlefield.

Puckett, K., **Maddin, B.**, Butler, W., & DeBiase, J. (2021). Professional pathways: Redefining school and university partnerships. In P. Chandler & L. Barron (Eds.), *Rethinking school-university partnerships: A new way forward*. Information Age Publishers.

## SELECT PUBLICATIONS

**Maddin, B.** & Mahlerwein, R. L. (2022). Empowering educators through team-based staffing models. *Phi Delta Kappan*, 104(1), 33–37.

Basile, C., and **Maddin, B.** (2022). The Next Education Workforce. *School Administrator*, 79(3), 29–32. Retrieved from: <https://my.aasa.org/AASA/Resources/SAMag/2022/Mar22/Basile-Maddin.aspx>

**Maddin, B.** (Host). (2021). *Next Education Workforce* [Audio podcast series]. Retrieved from: <https://next-education-workforce.simplecast.com>.

**Maddin, B.** (2015). [\*Micro-Credentials: A promising way to put educators' skills front and center\*](#). Digital Promise.

**Maddin, B.** and Boland N. (2003). *Teaching High School Chemistry: 13 minds-on units for teachers and their students*. The New Teacher Project.

## SELECT CONFERENCE PAPERS AND PRESENTATIONS

McGrath, M. and **Maddin, B.** (2024). *From credentialing to the classroom: How team-based teaching reduces shortages*. Council of Chief State Schools Officers Annual Policy Forum (Phoenix, AZ).

Hess, D., Gist, C., **Maddin, B.**, and Hise, R. (2024). Panel presentation: *Exploring possible solutions*. Elevating the teaching profession: A national conversation on the future of teaching. Washington, D.C. March 25-26, 2024.

**Maddin, B.** (2024). *More than a meeting: How team-teaching can be better for learners and educators*. World Education Summit. Virtual. March 21, 2024.

White-Smith, K., King, J., Gangone, L., and **Maddin, B.** (2023). *Addressing the educator shortage*. American Association of Colleges of Teacher Education (AACTE) State Leaders Institute. Virtual. November 1, 2023.

## **Brent W. Maddin**

**Maddin, B.** (2023). *Next Education Workforce: What we're getting right and where we still have questions.* American Enterprise Institute Fall Working Group Meeting. Washington, D.C., October 26-27, 2023.

**Maddin, B.,** Cannon, L., and Fowler, E. (2023). "The Next Education Workforce: Innovative staffing models for better educator and student outcomes." National Charter Schools Conference (Austin, TX).

**Maddin, B.,** Audrain, L., and Christie, P. (2023). "Educator teams: Early results and HR implications." SXSW EDU (Austin, TX).

**Maddin, B.** (2023). "Building the Next Education Workforce: How a district-university partnership is transforming both institutions." AASPA's National Educator Shortage Summit (New Orleans, LA).

Wing, J. and **Maddin, B.** (2022). "The Next Education Workforce: Effective HR policies and practices." AASA Learning 2025 National Convening (Washington, D.C.).

**Maddin, B.** and Wing, J. (2022). "The Next Education Workforce." Arizona School Personnel Administrators Association (ASPAA) Fall Conference (Prescott, AZ).

Baptiste, S and **Maddin, B.** (2022). "Reimagining sustainability: How programs can mitigate teacher prep turnover." American Association for Employment in Education (AAEE) Conference (Baltimore, MD).

**Maddin, B.,** Mendez G., and Wright, K. (2022). "The Next Education Workforce: Beyond teacher shortage." SXSW EDU (Austin, TX).

**Maddin, B.** (2020). "The Next Education Workforce: Designing for better student and educator outcomes." ExcelinEd EdPalooza (Virtual).

Stein, J., Khan R., and **Maddin, B.** (2020). "Designing learning futures: Reimagining the grammar of school." Madac Education Forum (Virtual / Saudi Arabia).

Dean, Stephanie and **Maddin, B.** (2019). "Opportunity Culture and new teacher development." Learning To Teach 2019 (Denver, CO).

**Maddin, Brent.** (2019). "The Next Education Workforce: Online educators helping to meet students' needs." VIP Kid Journey (Las Vegas, NV).

Kabaker, J., **Maddin, B.,** and Deklotz, P. (2015). "Micro-Credentials: Recognizing & supporting personalized, professional development for educators." iNACOL (Orlando, FL).

Kirkpatrick, H., Goldstein, M., and **Maddin, B.** (2012). "Building better new teachers: how to start a teacher prep program." New Schools Venture Fund National Summit (Burlingame, CA).

**Maddin, B.** (2008). "Attrition and its impact on baseline test scores at KIPP Gaston College Preparatory." National Charter Schools Conference (New Orleans, LA).

**Maddin, B.** "Impact of attrition, parent choice, and state policy in a KIPP charter school." American Educational Research Association (New York, NY).

## **Brent W. Maddin**

**Maddin, B.** (2007). “Maximizing corps member and alumni relationships.” Teach For America– Amgen Math and Science Summit (Washington, DC).

**Maddin, B.** (2006). “Safe certification: The unique challenge of alternatively certifying science teachers.” National Association for Alternative Certification National Conference (Chicago, IL).

**Maddin, B** and Wynne, C. (2006). “Mind the gap: Do HGSE students prioritize achievement gap closure over maximizing net academic achievement?” Harvard Graduate School of Education Student Research Conference (Cambridge, MA).

## **SELECT INVITED TALKS**

**Maddin, B.** (2025, November 21). Reimagined teaching workforce with Brent Maddin, ASU/NEW. Global Learning Commons. Fielding International. <https://www.youtube.com/watch?v=kZfA1dkRhY>

Fields-Smith, C., Harper, S. R., **Maddin, B.**, & deLaski, K. (2025, November 5). *The future of education* [Webinar]. Harvard Education Press. <https://hep.gse.harvard.edu/blog/2025/11/14/the-future-of-education-recording-and-recap/>

**Maddin, B.** (2025, October 15). Reflections on where we’ve come from and where we are going in strategic school staffing. Center for Inspired Teaching and Exceptional Learning (CITEL) National Convening. Jackson, MS.

**Maddin, B.**, Broderick, C., Honigsberg, L., LaRocca, A, Salmacia, K., and Wyatt, L. (2024). “Get Into Action: How ASU+GSV Learnings Can Inform Staffing Models and School Design in PK-12 Systems.” ASU + GSV 15 (San Diego, CA).

Morton, M. (Moderator), Harris, B., Kaufman J., and **Maddin, B.** (2022). “The Struggle to Staff America’s Schools.” 75<sup>th</sup> Education Writers Association National Seminar (Orlando, FL).

**Maddin, B.** and Rhodenbaugh, K. (2022). “Time’s up: Addressing critical challenges in the teacher workforce.” Council of State Governments West (CSG West) Annual Meeting (Boise, ID).

**Maddin, B.** (Moderator), Gutierrez, AJ, Dwinal-Palisch, M., and Farah, K. (2022). “How schools can survive the ‘Great Resignation’.” NewSchools Venture Fund Summit 2022 (Virtual).

Samoa, A. (Moderator), Beasely, M., **Maddin, B.**, Stevens T, and Trivers, N. (2022). “Communities driving reinvention.” ASU + GSV 13 (San Diego, CA).

Burson, D., Smith, T., Wells-Wynn, K., & **Maddin, B.** (2020). “Collaboration with institutions of higher education to support literacy.” Council of Chief State School Officers (CCSSO) webinar: Strengthening Teacher’s Ability to Use and Adapt Curriculum in Teacher Preparation (Virtual).

**Maddin, B.**, Thompson N., Morse R., and Wing, J. (2020). “The Next Education Workforce and Sustainable Teacher Residency.” Sustainable + Affordable Residency Webinar Series sponsored by the Bill and Melinda Gates Foundation (Virtual).

## **Brent W. Maddin**

**Maddin, B.** (2017). "Keynote: Questioning assumptions in education." New Mexico Teacher Summit (Albuquerque, NM).

**Maddin, B.** (2015). "The Next Sputnik: What is the next focusing event for American public education?" Visiting professor at Whitman College (Walla Walla, WA).

**Maddin, B.** (2012). "Keynote: Education for the pursuit of happiness." InspirED National Education Conference (Pune, India).

**Maddin, B.** (2012). "Pro/creating assessments to support SLOs." Race To The Top States' Conference and Working Groups (Boston, MA).

**Maddin, B.** (2011). "Identifying the right curricular cobble: Relay GSE's curricular history and approach." Teaching Works Seminar Series at the University of Michigan (Ann Arbor, MI).

**Maddin, B.** (2008). "A case study of student attrition at KIPP Gaston College Preparatory." David L. Clark National Graduate Student Research Seminar in Educational Administration & Policy (New York, NY).

Baumgartner, F., Rudolf J., Grotzer T., **Maddin, B.**, and Miller, R. (2007). "Lessons from Sputnik: Shaping science education." Harvard Graduate School of Education Askwith Forum (Cambridge, MA) October.

## **SELECT CONFERENCES, CHAIRED OR CO-CHAIR**

*Next Education Workforce National Summit.* (Feb. 2025, 2024, 2023, 2022, Jan. 2021, May 2019). Virtual.

- Role: Chair
- Grew the attendance from 100+ in May 2019 to 500+ in 2025 with participants from higher education, K-12, education non-profits, research, philanthropy, and policy
- Keynotes have included: Dr. Joseph Servin, Mayo Clinic (2025); Dept. Sec. Cindy Martin, US Dept. of Education (2024), Dr. Lindy Elkins Tanton, Lead on NASA Psyche Mission (2023); Secretary John B. King, Jr., former U.S. Secretary of Education (2022); Dr. Larry Cuban, Author and educational historian (2021)

*Meeting the moment: How teacher prep programs can build, sustain, and drive diverse educator pipelines.* (May 24, 2021). Virtual.

- Role: Co-Chair, Chaired by InnovateEDU
- 100+ participants from higher education, teacher preparation, education non-profit, and philanthropy

*A conversation with the next administration: The case for a national corps to support student success.* (Feb. 2021). Virtual.

- Role: Co-Chair, Chaired by InnovateEDU
- 120+ participants from policy, higher education, K-12, education non-profit, and philanthropy

*Next Education Workforce: Preparing future educators for systems-level change.* (Dec. 2019). Washington, D.C.

- Role: Chair, co-chaired by Ashoka and AACTE
- 50+ participants from higher education, philanthropy, and policy

*Learning to Teach 13.* (March 2017). New Orleans, LA.

- Role: Co-Chair, chaired by the Charles and Lynn Schusterman Foundation
- 100+ participants from higher education, K-12, education non-profit, philanthropy, and policy spent two days studying the Relay GSE model

## **SELECT SERVICE AND ACTIVITIES**

### **Manuscript Reviewer for Routledge Publishing: 2023**

- Served as a manuscript reviewer for a forthcoming publication on designing effective teacher development.

### **New Degree Program Reviewer, New Jersey Department of Education: 2022**

- Served as the lead external reviewer for a set of academic programs (Elementary Mathematics; Computer Science; and Biology) put forward by the New Jersey Center for Teaching and Learning (NJCTL).

### **Flinn Scholars Selection Committees: 2019, 2021**

- In-person Interviews (Class of 2020); First-Round Paper Reviews (Class of 2022)

### **Advisory Board Member, Digital Promise Micro-Credentialing Initiative: 2014-2020**

- Advise Digital Promise on their theory of action, development of, and systems around micro-credentials

### **Strategic Advisory Council, Teach For America: 2019**

- Advise CEO and members of One Day Strategy Working Group on TFA's strategic direction for the next 25 years

### **Consulting Team Member, Review of NJCTL Licensure Petition, NJ Office of Higher Education: 2019**

- Conducted site visit & co-authored evaluation report for NJ Center for Teaching and Learning licensure petition

### **Harvard Graduate School of Education Student Admissions Ambassador: 2005-2011**

- Serve on panels, talk with potential graduate students

### **NSTA/Toyota Tapestry Grant Committee: 2006-2009**

- Helped select and provide implementation support to science grant winners

### **Harvard Graduate School of Education Reading Buddies: 2005-2008**

- Volunteered in Cambridge elementary school reading to 2nd graders each week

### **Camp Sparky: 1997-1999**

- Founded outreach program for underserved youth in Phoenix

## **PROFESSIONAL AFFILIATIONS**

**Phi Delta Kappan:** Member (2008-present)

**American Educational Research Association:** Member (2005-present)

**Association for Supervision and Curriculum Development:** Member (2003-present)

**National Association of Science Teachers (NSTA):** Member, (1999-present)

**National Association of Biology Teachers (NABT):** Member, (2000-2005)

**American Chemical Society (ACS):** Member, (2000-2005)

## **SELECT PROFESSIONAL LEARNING SESSIONS**

### **FOR TEACHER EDUCATORS**

#### **Practice makes permanent: Feedback and practice for educator coaches (90min - 3hrs)**

- National KIPP School Summit ('14)

#### **Facilitating deliberate practice for novice educators (90min – 6hrs)**

- Teach First Manchester Residential ('17)

### **FOR EDUCATIONAL LEADERS**

#### **Effective adult facilitation (90min – 3hrs)**

- KIPP School Leader Retreat ('10); KIPP National Summit ('11, '13); TFA Teaching and Learning ('13)

#### **Practice makes permanent: Infusing practice into observation debriefs (90min – 1 day)**

- National KIPP Science Conference ('13, '14); KIPP School Leadership Training Institute ('13)

### **FOR PROFESSIONAL EDUCATORS**

#### **Backward unit planning (90min-5 days)**

- Gaston College Prep/KIPP Pride High, KIPP Fresno, KIPP Charlotte, TFA TX Lone Star Conference ('07); National KIPP Science Conference ('06); KIPP National Summit ('05); National KIPP Science Retreat ('04)

#### **Backward planning: Advanced sessions on unit planning with the end in mind (3hrs)**

- National KIPP Science Conference ('06); KIPP National Summit ('05)

#### **Character goals and dual-purpose lessons (2hrs)**

- Uncommon Schools Network-Wide PD day ('11)

#### **Classroom systems (90min)**

- TFA Central Regional Conference; TFA All Corps Meetings; TFA Summer Institutes, TFA Texas Lone Star Conference ('00, '01, '02, '03, '04)

#### **Culture of rigor (90min)**

- What Works in Urban Schools Conference ('12, '13); KIPP NYC PD Day ('12); AF-Wide PD Day ('13)

#### **Designing high-quality multiple choice and constructed response items (90min)**

- KIPP NYC PD Day ('10, '11)

#### **Designing rigorous assessments (90min) • KIPP NYC PD Day ('12) Grant writing (90min)**

- National KIPP Science Conference ('07); TFA Summer Institute ('01, '03)

#### **Graphing: Getting your STEM students through the gridlock**

- Teaching Expo TFA NM ('18)

#### **Iron science teacher (60min)**

- KIPP Science National Retreat ('04)

#### **Lesson openings and closings (90min)**

- KIPP NYC PD Day ('10, '11)

## **Brent W. Maddin**

### **Rigor, a four-part series: (1) Assessments, (2) Questioning, (3) Instructional ratios, (4) Culture (6 hrs)**

- KIPP NYC PD Day ('11-'12)

### **Science as a verb (90min)**

- TFA Regional Conference, TFA Summer Institute ('01-'03)

### **Science classroom technology (45 - 90min)**

- TFA Summer Institute ('02)

### **Science writing (90min)**

- National Writing Project – Louisiana ('00), TFA Summer Institute ('00-'03)

### **Student practice (90min)**

- Achievement First Network-Wide PD Day, What Works in Urban Schools Conference ('13)

### **Using formative assessments to increase academic rigor**

- Achievement First All-School Professional Development Day ('07), National KIPP Science Conference ('07), TFA Texas Lone Star Conference ('07)

### **Using teacher demonstrations to catalyze student inquiry (90min)**

- National KIPP Science Conference ('06)

## **INTERNATIONAL STUDY**

### **Cuba, October 2016**

- Traveled to Havana as part of a group of Aspen-Pahara Fellows to learn about the Cuban educational system

### **London, April 2016**

- Traveled to London as part of an international community of practice studying teacher preparation

### **Australia, November 2015**

- Traveled to Melbourne as part of an international community of practice studying teacher preparation

### **India, November 2012**

- Traveled to Mumbai and Pune to observe in Indian classrooms and provide feedback to Teacher For India staff

### **Antarctica, January 2010**

- Traveled south of the Antarctic Circle for an informal study of Antarctic wildlife, history, and policy

### **Circumnavigation, Summer 1998**

- Researched fire management in the U.S., Canada, Britain, Germany, Sweden, Greece, South Africa and Brazil

### **Australia, Spring 1998**

- Study abroad at Edith Cowan University in Perth, Western Australia and took courses in environmental management
- Researched and wrote a fire management plan for the Australian Department of Conservation and Land Management

### **Europe, Summer 1995**

- Studied English and Irish history, literature, and art through an ASU Study Abroad Program in London and Dublin
- Backpacked for six weeks through nine western European countries

**DISSERTATION COMMITTEE**

**John Willett, Ph.D. (Chair)**

Charles William Eliot Research Professor of Education (Retired)

Harvard Graduate School of Education

*Email: john\_willett@gse.harvard.edu*

**Katherine Merseth, Ed.D.**

Senior Lecturer on Education; Faculty Director, Teacher Education Program (Retired)

Harvard Graduate School of Education

*Email: kay\_merseth@harvard.edu*

**John Diamond, Ph.D.**

Ford Foundation Professor of Sociology and Education Policy,

Brown University Department of Sociology and Annenberg Institute for School Reform

*Email: john\_b\_diamond@brown.edu*